

DEC 22 1982

	Core Depth/cm	Wet Weight/g	Dry Weight/g	Factor Drying	Total Hg $\mu\text{g/g}$	EP TOX Hg $\mu\text{g/g} - \text{Sample}$	Total U $\mu\text{g/g}$	% 235U	"Nat" $\frac{\text{Th}}{\text{Ug/g}}$	238pu $\frac{\text{pci/g}}{\text{pci/g}}$	239/240pu $\frac{\text{pci/g}}{\text{pci/g}}$	
Creek #1	-	111.5	68.6	1.63	43	.029	< 5	< 2	< 8	< 8	< 5	
Bank #1-1	0-5	135.3	98.2	1.38	200	< .005	28.2	1.2	10	0.75	< 5	
	5-10	140.9	99.9	1.41	470	.018	34.4	0.94	9	< 8	< 5	
	10-23	362.3	267.0	1.36	55	< .005	12.7	1.0	7	< 8	< 5	
Berm #1-1	0-5	115.9	81.0	1.43	55	< .005	25.4	1.2	3	< 8	< 5	
	5-10	130.1	109.3	1.19	60	< .005	27.3	0.62	4	< 8	< 5	
	10-20	303.4	248.7	1.22	24	< .005	12.3	0.74	4	< 8	< 5	
	20-49	947.3	779.6	1.22	0.34	< .005	2.7	1.2	4	< 8	< 5	
Floodplain #1-1	0-5	131.2	98.9	1.33	17	< .005	9.7	1.1	4	< 8	< 5	
	5-10	150.4	119.5	1.26	3.6	< .005	2.9	1.5	4	< 8	< 5	
	10-20	314.6	277.2	1.13	0.35	< .005	1.6	0.95	< 2	10	< 5	
	20-46	856.4	722.2	1.19	< .10	< .005	1.8	1.0	4	< 8	< 5	
Creek #2	-	86.2	58.7	1.47	62	< .005	14.7	1.1	5	< 8	< 5	
Bank #2-1	0-5	128.7	86.0	1.50	74	< .005	22.3	1.0	6	< 8	< 5	
	5-10	142.7	95.0	1.50	88	< .005	21.4	0.90	4	< 8	< 5	
	10-20	229.0	158.7	1.44	68	< .005	18.7	0.93	4	< 8	< 5	
Berm #2-1	0-5	120.6	87.9	1.37	87	< .005	17.9	0.78	5	< 8	< 5	
	5-10	132.0	99.5	1.33	86	< .005	19.7	0.84	4	< 8	< 5	
	20-48	285.0	219.5	1.30	65	< .005	30.0	0.79	10	< 8	< 5	
Floodplain #2-1	0-5	125.3	94.5	1.24	240	< .011	23.6	0.84	7	< 8	< 5	
	5-10	157.4	122.3	1.33	73	< .005	30.8	0.65	6	< 8	< 5	
	10-20	324.2	265.7	1.22	9.8	< .005	26.4	0.85	6	< 8	< 5	
	20-30	316.1	260.9	1.21	0.62	< .005	9.5	0.78	5	< 8	< 5	
	20-30	127.7	78.1	1.64	89	< .005	2.9	1.1	4	< 8	< 5	
Creek #3	-	5-10	157.4	1.29	83	< .005	18.5	0.99	4	< 8	< 5	
Bank #3-1	0-5	120.0	87.2	1.38	130	< .005	29.6	1.5	10	< 8	< 5	
	5-10	134.2	97.3	1.38	180	< .005	43.0	0.84	15	< 8	< 5	
	10-20	262.5	176.1	1.49	480	< .005	29	38.8	0.82	11	< 8	< 5
Berm #3-1	0-5	895.4	618.7	1.45	450	< .005	24	29.2	0.82	7	< 8	< 5
	5-10	122.2	93.6	1.31	68	< .005	18.5	18.2	1.0	6	< 8	< 5
	20-53	895.4	64.7	1.38	66	< .005	25	37.5	0.89	10	< 8	< 5
	10-20	242.6	204.5	1.19	58	< .005	19.8	1.1	3	< 8	< 5	
Floodplain #3-1	0-5	20-49	749.9	527.8	1.42	450	< .005	12.3	1.1	4	< 8	< 5
	5-10	113.4	84.5	1.34	30	< .005	15.8	0.93	6	< 8	< 5	
	10-20	154.0	123.9	1.24	40	< .005	10.6	0.75	6	< 8	< 5	
	20-25	245.4	288.6	1.20	29	< .005	5.1	0.79	4	< 8	< 5	

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 Administrative and Criminal Sanctions.

1. Review Date: <u>4/24/97</u>	2. Classification Retained: <u>1.33</u>
3. Classification Changed To: <u>None</u>	4. Contaminant Will: <u>None</u>
5. Declassification Cancelled: <u>None</u>	6. Classified Information Breached: <u>None</u>

July 1st
 Derivative
 Classifier
 Technical Services and Site Protection

SUMMER 1956
BOTIT EXCAVATED

O'REX PILOT PLANT
EXCAVATED 1954

ELEX-COLEX PILOT PLANT
EXCAVATED 1955

81-10 MERCURY RECOVERY
CORE DRIED 1973 OAK RIDGE Y-12 PLANT

BUILDING LOCATION

SUMMER 1956
VENT LOSS
EXCAVATED

E & F
MARCH 26 1966
CORE DRILLED

FCV-20302

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M.R. Thiesen, E.